

Amendments To The Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any canceled claims at a later date.

1-5 (canceled)

6. (currently amended) A diagnostics system configured to access and diagnose a plurality of remote stationary power stations, comprising:

a remote acquisition unit for collecting measurement data detected by sensors in the technical systems power stations;

a local diagnostics unit connected to the acquisition unit for classification of operating states of the power stations that are represented by the measurement data;

a memory unit connected to the acquisition unit and the local diagnostics unit and so the measurement data ~~can be~~ is centrally stored;

~~a local diagnostics unit connected to the memory unit for classification of operating states of the technical systems that are represented by the measurement data; and~~

a server unit connected to the memory unit that generates machine-readable data based on an HTML language.

7. (previously presented) The diagnostics system as claimed in claim 6, wherein portions of the machine-readable data are generated while a connection is established to the server unit of the diagnostics system by at least one client computer via a communications link by an Internet browser installed on the client computer and the parts of the machine-readable data are requested by the client computer.

8. (previously presented) The diagnostics system as claimed in claim 7, wherein the machine-readable data is transferred from the server unit to the client computer by the TCP/IP protocol via the communications link that includes an intranet and/or the Internet.

9. (previously presented) The diagnostics system as claimed in claim 6, wherein a dynamic operating and/or monitoring interface of the diagnostics system is formed by the machine-readable data.

10. (previously presented) The diagnostics system as claimed in claim 6, wherein the machine-readable data comprise HTML pages that are stored as pre-prepared, static data in a memory unit of the diagnostics system and are generated dynamically by the server unit by combining a page generation code and at least part of the measurement data stored in the memory unit.

11. (previously presented) The diagnostics system as claimed in claim 6, wherein the machine-readable data comprise HTML pages that are stored as pre-prepared, static data in a memory unit of the diagnostics system or generated dynamically by the server unit by combining a page generation code and at least part of the measurement data stored in the memory unit.

12. (new) A virtual diagnostics system configured to access and diagnose a plurality of remote stationary power stations, comprising:

a server application for each power station for transferring collected measurement data via an internet;

a memory unit comprising an acquisition unit and a server unit and connected to the internet and receives measurement data from each power station;

a diagnostics unit for classification of the measurement data and connected to the internet;
and

a client computer having an internet browser installed, having a communication link to the internet, and able to link to the server unit,

wherein the measurement data saved in the memory unit can be retrieved by the client computer.

13. (new) The virtual diagnostics system as claimed in claim 12, wherein measurement data is transferred in the form of dynamically generated HTML pages.

14. (new) The virtual diagnostics system as claimed in claim 12, wherein the memory unit saves the measurement data.

15. (new) The virtual diagnostics system as claimed in claim 12, wherein measurement data from at least one of the power stations is transferred to the memory unit if there has been a change in an operating state of a power station concerned.

16. (new) The virtual diagnostics system as claimed in claim 12, wherein machine readable data based on the HTML language is generated by the server unit so the measurement data saved in the memory unit can be transferred as HTML pages via the internet.

17. (new) The virtual diagnostics system as claimed in claim 12, wherein the diagnostics unit contains a web server.